

I claim:

1. A collator for bagged food products comprising:
spaced, parallel bagged food product receiving
conveyors;
5 spaced, parallel bagged food product discharge
conveyors each for sequentially receiving bagged food
products and for discharging the received bagged food
products onto one of the bagged food product receiving
conveyors; and
10 a diverter for receiving bagged food products and
for selectively directing received bagged food products
onto one or the other of the spaced, parallel bagged food
product discharge conveyors.
2. The collator for bagged food products according
15 to Claim 1 wherein the diverter comprises spaced, parallel
diverter members, means supporting the diverter members for
pivotal movement about spaced, parallel, vertically
extending axes, and means for selectively pivoting the
diverter members about the vertically extending axes.

3. The collator according to Claim 2 wherein the diverter member positioning means selectively positions the diverter members to direct received bagged food products onto one or the other of the spaced, parallel bagged food product discharge conveyors.

4. The collator according to Claim 3 wherein the diverter member positioning means selectively positions the diverter members to direct larger sizes of bagged food products along a centrally disposed path comprising portions of both of the spaced, parallel bagged food product discharge conveyors.

5. The collator according to Claim 1 further characterized by support rods extending transversely across the discharge conveyors, a plurality of guide members mounted on the support rods and extending parallel to the discharge conveyors; and means for selectively positioning the guide members relative to the discharge conveyors.

6. The collator according to Claim 5 wherein the diverter selectively directs bagged food products into paths extending between adjacent guide members.

7. The collator for bagged food products according to Claim 6 wherein the diverter comprises spaced, parallel diverter members, means supporting the diverter members for pivotal movement about spaced, parallel, vertically extending axes, and means for selectively pivoting the diverter members about the vertically extending axes.

8. The collator according to Claim 7 wherein the diverter member positioning means selectively positions the diverter members to direct received bagged food products onto one or the other of the spaced, parallel bagged food product discharge conveyors.

9. The collator according to Claim 8 wherein the diverter member positioning means selectively positions the diverter members to direct larger sizes of bagged food products along a centrally disposed path comprising portions of both of the spaced, parallel bagged food product discharge conveyors.

10. The collator according to Claim 7 wherein the
diverter member positioning means comprises a belt
operatively connected to the diverter members and extending
around a predetermined track, and a drive mechanism for
5 selectively moving the belt around the predetermined track
and thereby positioning the diverter members.